

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2205	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2007/08/23 06:33
S2	9145	(370/231,235,236,277,310.2,349,363,392,395.51,418,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/23 06:34
S3	466	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/23 06:36
S4	63	S1 and S2	US-PGPUB; USPAT	OR	ON	2007/08/23 06:37
S5	1	S1 and S3	US-PGPUB; USPAT	OR	ON	2007/08/23 06:37
S6	3	S2 and S3	US-PGPUB; USPAT	OR	ON	2007/08/23 06:38
S8	9628	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/31 10:14
S9	2214	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2007/08/31 10:24
S10	103	S8 and S9	US-PGPUB; USPAT	OR	ON	2007/08/31 10:25
S11	470	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/31 10:26
S12	5	S8 and S11	US-PGPUB; USPAT	OR	ON	2007/08/31 10:27
S14	11075	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/29 15:38

S15	530	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/29 15:38
S16	6	S14 and S15	US-PGPUB; USPAT	OR	ON	2008/05/29 15:38
S17	1	wireless and preamble near3 signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/05/29 15:46
S18	564	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/05/29 16:01
S19	12	S14 and S18	US-PGPUB; USPAT	OR	ON	2008/05/29 16:02
S20	3	S15 and S18	US-PGPUB; USPAT	OR	ON	2008/05/29 16:02
S21	15028	(370/231,235,236,277,310.2,335,349,363,392,395.51,418,445,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/29 16:58
S22	564	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/05/29 16:59
S23	46	S21 and S22	US-PGPUB; USPAT	OR	ON	2008/05/29 16:59
S24	2754	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2008/06/06 12:52
S25	10583	(370/231,235,236,277,310.2,349,363,392,395.51,418,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:52
S26	531	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:52
S27	76	S24 and S25	US-PGPUB; USPAT	OR	ON	2008/06/06 12:53
S28	2	S24 and S26	US-PGPUB; USPAT	OR	ON	2008/06/06 12:53

S29	6	S25 and S26	US-PGPUB; USPAT	OR	ON	2008/06/06 12:53
S30	11115	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:53
S31	2754	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2008/06/06 12:53
S32	123	S30 and S31	US-PGPUB; USPAT	OR	ON	2008/06/06 12:53
S33	531	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:54
S34	6	S30 and S33	US-PGPUB; USPAT	OR	ON	2008/06/06 12:54
S35	11115	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:54
S36	531	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:55
S37	6	S35 and S36	US-PGPUB; USPAT	OR	ON	2008/06/06 12:55
S38	567	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/06/06 12:55
S39	12	S35 and S38	US-PGPUB; USPAT	OR	ON	2008/06/06 12:55
S40	3	S36 and S38	US-PGPUB; USPAT	OR	ON	2008/06/06 12:56
S41	15075	(370/231,235,236,277,310.2,335,349,363,392,395.51,418,445,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:56
S42	567	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/06/06 12:56

S43	46	S41 and S42	US-PGPUB; USPAT	OR	ON	2008/06/06 12:56
S44	3035	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S45	11330	(370/231,235,236,277,310.2,349,363,392,395.51,418,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:21
S46	80	S44 and S45	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S47	557	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:21
S48	2	S44 and S47	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S49	7	S45 and S47	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S50	11913	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:21
S51	3035	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S52	132	S50 and S51	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S53	557	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:21
S54	7	S50 and S53	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S55	11913	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:21
S56	557	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:21

S57	7	S55 and S56	US-PGPUB; USPAT	OR	ON	2008/10/31 17:21
S58	598	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/10/31 17:22
S59	12	S55 and S58	US-PGPUB; USPAT	OR	ON	2008/10/31 17:22
S60	3	S56 and S58	US-PGPUB; USPAT	OR	ON	2008/10/31 17:22
S61	15986	(370/231,235,236,277,310.2,335,349,363,392,395.51,418,445,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:22
S62	598	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/10/31 17:22
S63	46	S61 and S62	US-PGPUB; USPAT	OR	ON	2008/10/31 17:22
S64	3035	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2008/10/31 17:23
S65	11330	(370/231,235,236,277,310.2,349,363,392,395.51,418,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:23
S66	80	S64 and S65	US-PGPUB; USPAT	OR	ON	2008/10/31 17:23
S67	557	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:23
S68	2	S64 and S67	US-PGPUB; USPAT	OR	ON	2008/10/31 17:23
S69	7	S65 and S67	US-PGPUB; USPAT	OR	ON	2008/10/31 17:23
S70	11913	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:23

S71	3035	wireless and preamble near3 signal\$3	US-PGPUB; USPAT	OR	ON	2008/10/31 17:23
S72	132	S70 and S71	US-PGPUB; USPAT	OR	ON	2008/10/31 17:23
S73	557	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:24
S74	7	S70 and S73	US-PGPUB; USPAT	OR	ON	2008/10/31 17:24
S75	11913	(370/231,235,236,277,310.2,349,363,392,395.51,418,445,447,448,512).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:24
S76	557	(455/426.2,115.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:24
S77	7	S75 and S76	US-PGPUB; USPAT	OR	ON	2008/10/31 17:24
S78	598	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/10/31 17:24
S79	12	S75 and S78	US-PGPUB; USPAT	OR	ON	2008/10/31 17:24
S80	3	S76 and S78	US-PGPUB; USPAT	OR	ON	2008/10/31 17:24
S81	15986	(370/231,235,236,277,310.2,335,349,363,392,395.51,418,445,522).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 17:24
S82	598	wireless and signal\$3 with (without near4 (base adj station))	US-PGPUB; USPAT	OR	ON	2008/10/31 17:24
S83	46	S81 and S82	US-PGPUB; USPAT	OR	ON	2008/10/31 17:24
S84	92	sugaya-shigeru.in.	US-PGPUB; USPAT	OR	ON	2008/10/31 17:26

S85	33095	sony-corporation.as.	US-PGPUB; USPAT	OR	ON	2008/10/31 17:27
S86	66	(preamble near2 signal\$4) with insert\$3 with (packet or data)	US-PGPUB; USPAT	OR	ON	2008/10/31 18:04
S87	5	(apparatus or device) same (\$3detect\$3 or undetect\$3) same (preamble near2 signal\$4)	US-PGPUB; USPAT	OR	ON	2008/10/31 18:43
S88	10	(\$3detect\$3 or undetect\$3) same (preamble near2 signal\$4)	US-PGPUB; USPAT	OR	ON	2008/10/31 18:46
S91	5	S87 and S88	US-PGPUB; USPAT	OR	ON	2008/10/31 18:48
S94	397	((preamble adj signal) near3 (detect\$3 or \$4detect\$3))	US-PGPUB; USPAT	OR	ON	2008/11/03 07:53
S95	101	((preamble adj signal) near3 (detect\$3 or \$4detect\$3)) with (period or time)	US-PGPUB; USPAT	OR	ON	2008/11/03 08:06
S97	636	(detect\$3 or S3detect\$3) with (preamble adj signal)	US-PGPUB; USPAT	OR	ON	2008/11/03 08:12
S98	182	(detect\$3 or S3detect\$3) with (preamble adj signal) with (period or time or interval)	US-PGPUB; USPAT	OR	ON	2008/11/03 08:13
S99	14	(detect\$3 or S3detect\$3) with (preamble adj signal) with (period or time or interval) with (path or bus or line)	US-PGPUB; USPAT	OR	ON	2008/11/03 08:13
S100	6	(detect\$3 or S3detect\$3) with (preamble adj signal) with (period or time or interval) with communicat\$3 with (path or bus or line)	US-PGPUB; USPAT	OR	ON	2008/11/03 08:37
S104	1124	(detect\$3 or S3detect\$3) with ((preamble adj signal) or signal) with (period or time or interval) with ((communicat\$3 or \$3communicat\$3) with (path or bus or line))	US-PGPUB; USPAT	OR	ON	2008/11/03 08:45
S105	40	insert\$3 with (preamble adj signal) with (packet or data)	US-PGPUB; USPAT	OR	ON	2008/11/03 08:47
S106	1	S104 and S105	US-PGPUB; USPAT	OR	ON	2008/11/03 08:47

S107	51	(wireless) with (detect\$3 or S3detect\$3) with ((preamble adj signal) or signal) with (period or time or interval) with ((communicat\$3 or \$3communicat\$3) with (path or bus or line))	US-PGPUB; USPAT	OR	ON	2008/11/03 08:48
S108	1	S105 and S107	US-PGPUB; USPAT	OR	ON	2008/11/03 08:48
S117	224	insert\$3 with ((preamble adj signal) or signal) with ((each or every) near3 (packet or data))	US-PGPUB; USPAT	OR	ON	2008/11/03 11:00
S121	8	insert\$3 and (preamble adj signal) same ((each or every) near3 (packet or data))	US-PGPUB; USPAT	OR	ON	2008/11/03 11:01
S122	144	insert\$3 and (preamble adj signal) and ((each or every) near3 (packet or data))	US-PGPUB; USPAT	OR	ON	2008/11/03 11:01
S123	4	wireless with insert\$3 and (preamble adj signal) and ((each or every) near3 (packet or data))	US-PGPUB; USPAT	OR	ON	2008/11/03 12:22
S125	6	wireless with (preamble near2 signal\$4) with insert\$3 with (packet or data)	US-PGPUB; USPAT	OR	ON	2008/11/03 12:41
S126	162	wireless with (preamble near2 signal\$4) with (packet or data)	US-PGPUB; USPAT	OR	ON	2008/11/03 12:51
S130	6255	wireless with communicat\$3 with (path or line or bus) with (without near4 (preamble adj signal) or signal)	US-PGPUB; USPAT	OR	ON	2008/11/03 17:02
S131	3082	insert\$3 and ((preamble adj signal) or signal) with ((each or every) near3 (packet or data))	US-PGPUB; USPAT	OR	ON	2008/11/03 17:04
S132	29	S130 and S131	US-PGPUB; USPAT	OR	ON	2008/11/03 17:04
S133	77	wireless with (insert\$3 or includ\$3) and (preamble adj signal) and ((each or every) near3 (packet or data))	US-PGPUB; USPAT	OR	ON	2008/11/03 17:30
S137	86	(apparatus or device) with (\$8detect\$3 or undetected or unavailable) with (preamble adj signal)	US-PGPUB; USPAT	OR	ON	2008/11/03 18:37
S142	643	(\$10detect\$4 or without adj7 detect\$4) with preamble adj signal	US-PGPUB; USPAT	OR	ON	2008/11/03 18:51



S144	11	communicat\$3 with (device or apparatus) with (undetected\$4 or \$4detect\$4) near3 (preamble adj signal)	US-PGPUB; USPAT	OR	ON	2008/11/04 16:10
S150	404	((non adj2 detect\$4) or undetect\$4 or \$7detect\$4) near3 (preamble adj signal)	US-PGPUB; USPAT	OR	ON	2008/11/04 17:33
S151	38	(device or apparatus) with ((non adj2 detect\$4) or undetect\$4 or \$7detect\$4) near3 (preamble adj signal)	US-PGPUB; USPAT	OR	ON	2008/11/04 17:35
S152	105	sugaya-shigeru.in.	US-PGPUB; USPAT	OR	ON	2009/11/05 14:39
S153	37083	sony-corporation.as.	US-PGPUB; USPAT	OR	ON	2009/11/05 14:40
S156	320	\$4detect\$ near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 14:52
S157	72	transmit\$4 with detect\$ near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 14:53
S159	3	(wireless mobile) near4 transmit\$4 with \$4detect\$ near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 14:56
S160	2	transmit\$4 with fail\$3 near3 detect\$ near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 15:10
S162	65	transmit\$4 with preamble adj signal\$4 near4 \$4detect\$3 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 16:00
S163	3	(wireless mobile) near4 transmit\$4 with preamble adj signal\$4 near4 \$4detect\$3 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 16:01
S164	85	transmi\$5 with \$4detect\$3 near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 16:05
S166	3	non adj4 detect\$3 near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2009/11/05 16:16
S168	20015	((370/231,235,236,277,310.2,335,349,363,392,395.51,418,445,522) or (375/259) or (455/426.2,115.3)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/06 09:14

S169	5	no\$1 adj4 detect\$3 near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2009/11/06 09:15
S170	4	S168 and S169	US- PGPUB; USPAT	OR	OFF	2009/11/06 09:15
S171	110	sugaya-shigeru.in.	US- PGPUB; USPAT	OR	ON	2010/05/05 10:13
S172	39238	sony-corporation.as.	US- PGPUB; USPAT	OR	ON	2010/05/05 10:13
S173	21432	((370/231,235,236,277,310.2,335,349,363,392,395.51,418,445,522) or (375/259) or (455/426.2,115.3)).CCLS.	US- PGPUB; USPAT	OR	OFF	2010/05/05 10:13
S174	5	no\$1 adj4 detect\$3 near7 preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/05/05 10:13
S175	4	S173 and S174	US- PGPUB; USPAT	OR	OFF	2010/05/05 10:13
S176	4	no\$1 adj4 detect\$3 near7 (path link communic\$3) and (interval period) and preamble adj signal\$4 and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/05/05 10:29
S178	114	packet with preamble same error adj detection and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/08/11 18:02
S179	48	packet with preamble same error adj detection same (header payload) and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/08/11 18:04
S180	3	wireless same packet with preamble same error adj detection same (header payload) and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/08/11 18:28
S182	69	(packet signal frame) with preamble same error adj detection same (header payload) and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/08/11 18:33
S183	41	preamble near7 packet same error adj detection same (header payload) and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/08/11 18:35
S185	55	(packet beacon) same preamble same error adj detection same (header payload) and (@rlad<"20030109" @ad<"20030109")	US- PGPUB; USPAT	OR	OFF	2010/08/11 18:38

S189	50	(packet signal) with preamble same error adj detection same (header payload) and (@riad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2010/08/12 11:40
S190	197	(packet signal) with preamble same (error adj detection crc) same (header payload) and (@riad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2010/08/12 11:42
S191	581	(link path bus) same (interval time period) same (packet signal) with preamble and (@riad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2010/08/12 16:53
S192	27	(link path bus) same predetermined adj (interval time period) same (packet signal) with preamble and (@riad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2010/08/12 16:54
S193	120	sugaya-shigeru.in.	US-PGPUB; USPAT	OR	ON	2010/08/12 17:01
S194	40683	sony-corporation.as.	US-PGPUB; USPAT	OR	ON	2010/08/12 17:01
S195	25280	((370/231,235,236,277,310.2,311,335,349,363,392,395.51,418,445,522) or (375/150,259) or (455/426.2,115.3)).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/12 17:04
S196	197	(packet signal) with preamble same (error adj detection crc) same (header payload) and (@riad<"20030109" @ad<"20030109")	US-PGPUB; USPAT	OR	OFF	2010/08/12 17:05
S197	32	S195 and S196	US-PGPUB; USPAT	OR	ON	2010/08/12 17:05
S198	106	S191 and S195	US-PGPUB; USPAT	OR	ON	2010/08/12 17:05

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